



re-think<sup>4R</sup>  
Reduce  
Re-use  
Recycle



# Green Quest - a journey towards environmentally friendly methods and processes

## A 'green' mindset cannot be improvised.

At Duralamp, we have been working every day for decades to make our products ALWAYS MORE EFFICIENT, for real energy savings that can be seen from the very first days of use.

Energy saving is a fundamental point, but equally important are optimisations aimed at limiting the consumption of non-renewable raw materials. The right balance between product quality and the careful choice of raw materials, the weight and consistency of plastic materials where irreplaceable, the rationalisation of work processes aimed at reducing consumption in production, improving the environment and the lives of people working. Greater efficiency at all stages of processing to reduce the energy consumption needed to obtain the same result while avoiding waste: we are constantly working in this direction.

A battle fought chip by chip and shipment by shipment to improve the environment in which we all live.

**Because the future is now.**



# We have chosen.




to engage at various levels:

- Corporate**
  - Optimization achieved thanks to the new Group Data Centre
  - Use of paper from FCC Forests for catalogue printing
  - Separate collection at all levels, recycling and reuse wherever possible: the pillars of the green economy!
- Product**
  - Use of recyclable raw materials: commitment to increase their up to 90% of the components.
  - Packaging made from 70% recycled paper.
  - External packaging from FSC forests.
  - Study of products that go beyond the concept of disposable equipment, returning to a wise concept of equipment to be reused, to reduce the consumption of materials and allow the use of products over time.

## we have also chosen to act on...

packaging. Packaging is one of the highest volume of 'wasted' materials, and therefore a commitment, for municipalities around the world.

## The ECO packaging programme of Duralamp has:

- ✓ totally eliminated plastic film on pallets in favour of  recyclable film
- ✓ replaced plastic adhesive tape in favour of  paper tape
- ✓ eliminated plastic protection pads in favour of recycled paper  recycled paper filling material





\* Polystyrene and PVC fillers have been phased out, with rare exceptions.

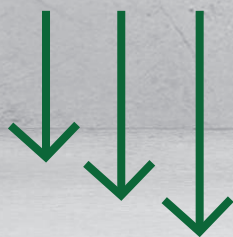


We have chosen...

to 'rethink' how we produce our products. The right direction is to have more and more items built for long life use, that can be used again and again, and again...



**RETHINK**



**REDUCE**

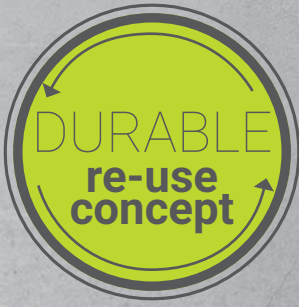


**REUSE**



**RECYCLE**





Replaceable lamp luminaires are

**perfect for re-use and  
reduces the amount of  
materials needing to  
be disposed of**

Previously unimagined lumen/watt  
efficiencies allow lamps to

**significantly reduce  
energy consumption**



Highly popular Lamp Sources and Professional  
Fixtures with exceptionally long service lives  
means

**investing in technology  
for the benefit of the  
ecosystem**





# DURALAMP and the GREEN packaging revolution:

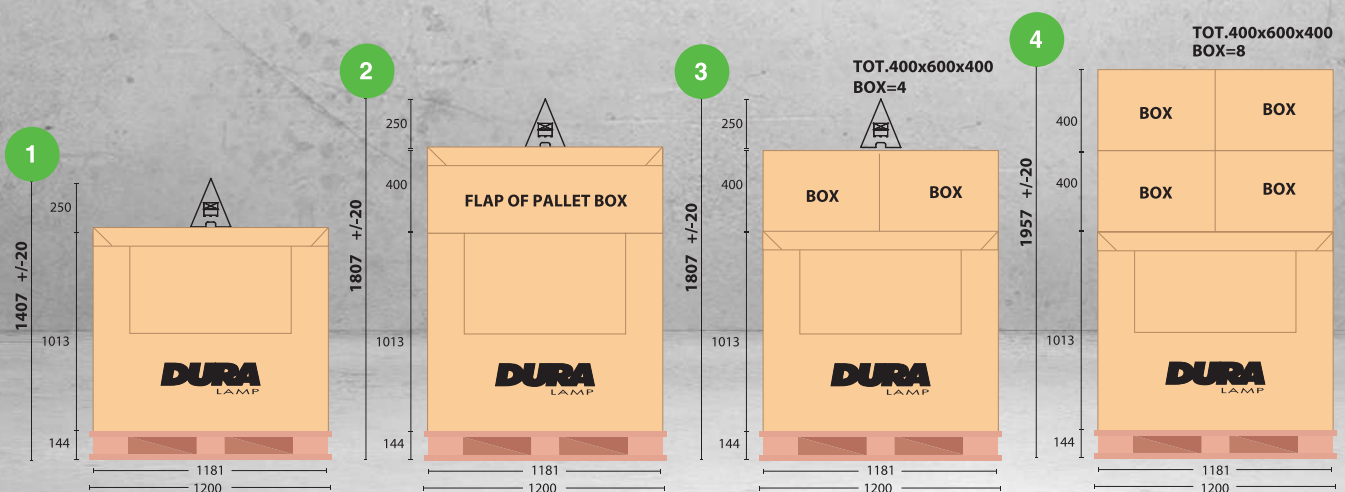
**DURALAMP contributes to a cleaner world ...  
while ensuring safer shipments.**

Together with a leading company specialized in paper packaging, we studied some packaging solutions that guarantees a safer shipments of our products, while pursuing our desire to actively contribute to the elimination of plastic materials in favor of recyclables.

The 120x80 pallets packaging includes a high cardboard box, SUPERBOX, with central loading; a 'hood' in compostable material\* to replace the shrink plastic film, and a strap, instead of the plastic adhesive tape.

With this new palletization, products with a height of up to 170 cm (e.g. tubes) will be shipped vertically, fully protected inside a package complete with a robust closing cap. To better protect shipments, 'no overlapping triangles' will be placed on all pallets less than 2 meters high to prevent other goods to be stocked on top and risking to damage our products.

SUPERBOX: The standard height is 1 meter but there are many packaging options...





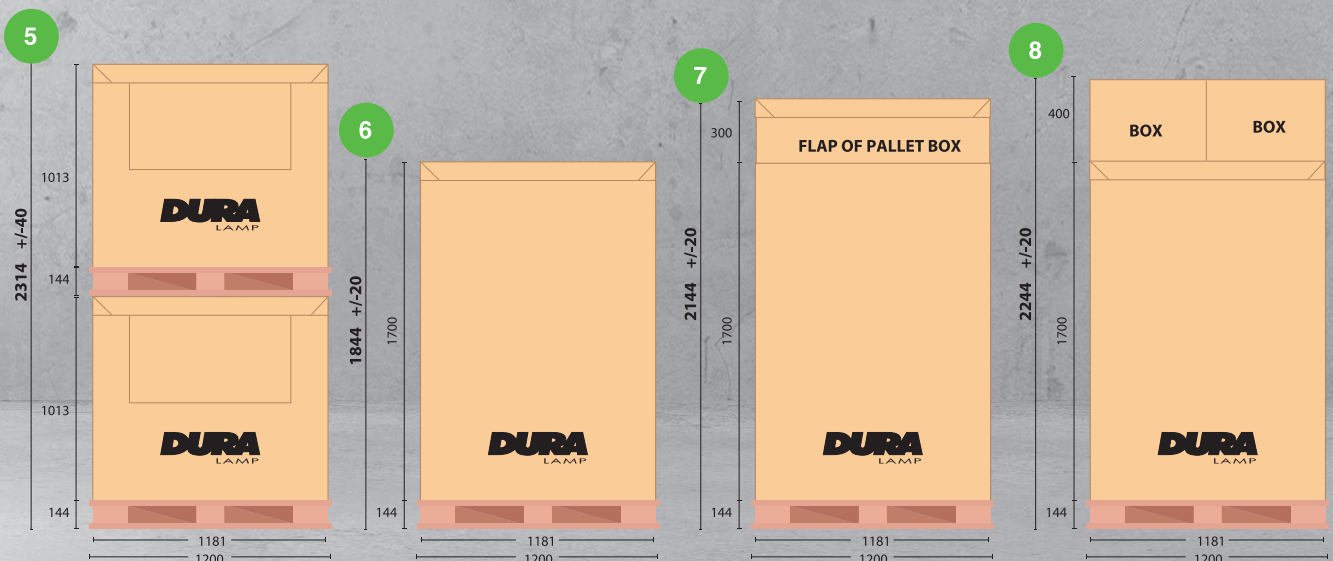
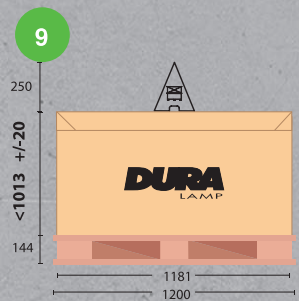
protective cap made of compostable and biodegradable material\*: replaced heat-shrinkable plastic film saving kilometres of plastic per year

'no overlapping triangles' will be placed on all pallets less than 2 meters high to prevent other goods to be stocked on top and risking to damage our products.



compared to tape, straps are less in quantity and allow correct paper recycling

recycled pallets



\* Compliant with EN13432 with OK COMPOST certificate n. TA8011400928, issued by TUV Austria on 13/08/2018.